



# Education-Based Economic Development: The Role of Community Colleges and Career Technical Education in Shaping Regional Workforces

---

**September 18, 2017**

**We will begin at 2:00 PM EDT**

**Call in: 1-888-850-4523**

**Access code: 565189**

***If joining by phone, please mute your phone***

This project has been funded at least in part with federal funds from the U.S. Department of Education under contract number ED-ESE-15-A-0014. The content of this webinar does not necessarily reflect the views or policies of the U.S. Department of Education, nor does mention of trade names, commercial products, or organizations imply endorsement by the U.S. government.

# Welcome

---

**Technical issues:** Send a message via the chat feature in the bottom left of the screen to the host

**Questions:** Send content questions and comments through the chat feature

**Evaluation:** Please take a moment to provide feedback about today's webinar. A link to the participant survey will be provided at the end of the webinar



Home

My LINCS

Groups

Events

About

Help

Search

Home

## Welcome!



Welcome to the LINCS Community, a professional learning space for adult educators. Get involved by joining a discussion group or finding an event in which to participate. Learn more [about us](#).

### Discussion Groups

Share and gain knowledge and resources in our [discussion groups](#). The LINCS Community has 16 groups focused on topics important to the field of adult education. Each group is led by a subject matter expert who facilitates discussion and serves as a content expert.

### @LINCS\_ED Feed

Tweets

Follow

### Announcements

**OCTAE - Correctional Education Position Available**

by: JoM

Posted: Jul 6 2015 - 1:27pm

**[Attention]: LINCS Explores Digital Badges in Adult Education, Next...**

by: LINCS\_Communications

Posted: Jul 6 2015 - 9:08am

**Share Your Knowledge! Online Portfolios & Micro-credentials...**

by: LINCS\_Communications

Posted: Jul 1 2015 - 9:06am

[View All](#)

### New Resources

See below for recently added resources:

**Unlocking Potential: Results of a National Survey of Postsecondary...**

Topic Areas: Correctional Education

**A Reentry Education Model: Supporting Education and Career...**

Topic Areas: Correctional Education

## Poll Question 1:

How did you hear about today's event?

---

- ☐ Email announcement from a Minority Serving Institution (MSI) team member
- ☐ Email announcement from a Minority Serving Institution (MSI) community of practice (CoP) coach
- ☐ OCTAE newsletter
- ☐ LINCIS announcement
- ☐ Other

## Poll Question 2:

Which of the following best describes your primary organizational affiliation?

---

- ☐ 2-year institution
- ☐ 4-year institution
- ☐ Secondary institution
- ☐ Government agency
- ☐ Nonprofit organization
- ☐ Advocacy group
- ☐ Other

## Poll Question 3:

If you work in a Minority Serving Institution (MSI), to which of the following groups does your institution belong?

---

*(Check all that apply)*

- ☐ AANAPISI—Asian American and Native American Pacific Islander Serving Institutions
- ☐ HSI—Hispanic Serving Institutions
- ☐ HBCU—Historically Black Colleges and Universities
- ☐ NASNTI—Native American Serving Nontribal Institutions
- ☐ PBI—Predominantly Black Institutions
- ☐ TCU—Tribal Colleges and Universities
- ☐ None of the above

# Education-Based Economic Development: The Role of Community Colleges and Career Technical Education in Shaping Regional Workforces

---

## ***Featured Speakers***

<b>William D. Maki</b>	Northeast Higher Education District
<b>Trent Janezich</b>	Advanced Minnesota, Northeast Higher Education District
<b>Randy Smith</b>	Rural Community College Alliance



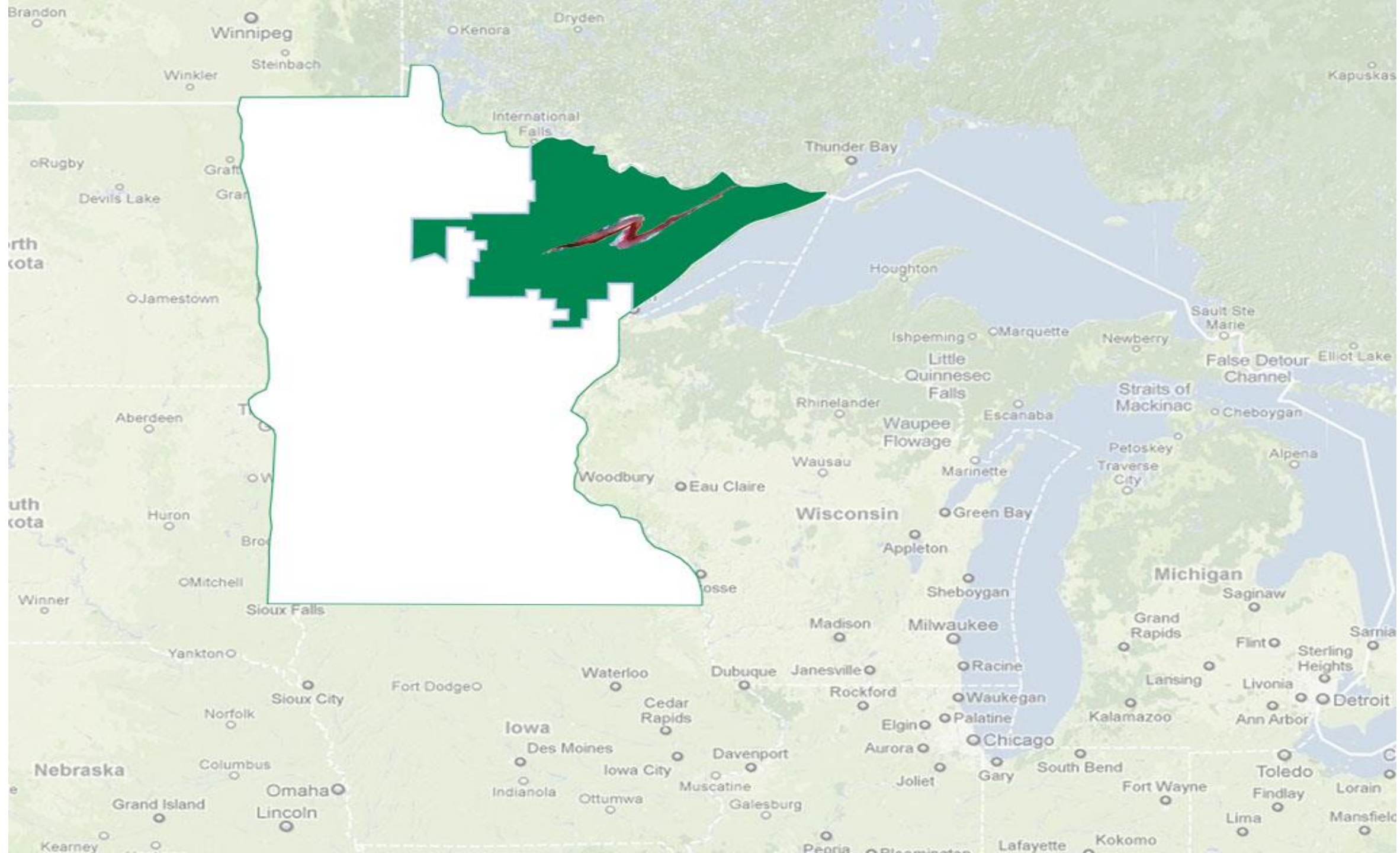


# Mining for Talent: Education Based Economic Development

## *The Iron Range Solution to Talent Development*



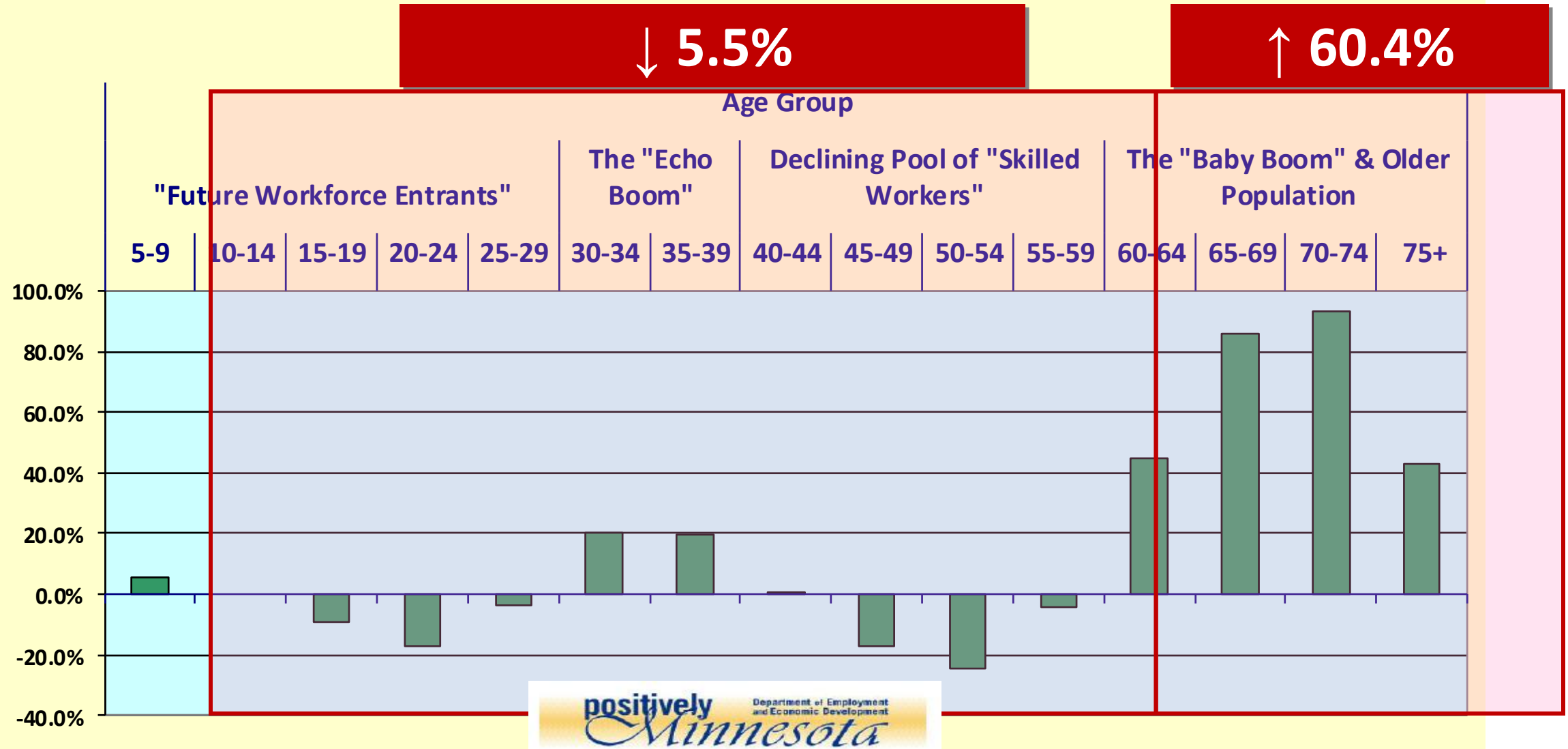




# Percent Change in NORTHEAST, MN

## Projected Population by Age Group (2005-2025)

Source: U.S. Census Bureau



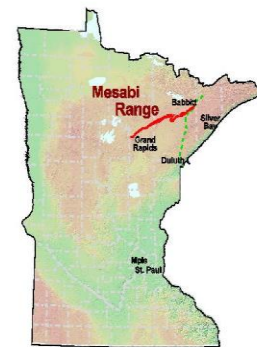
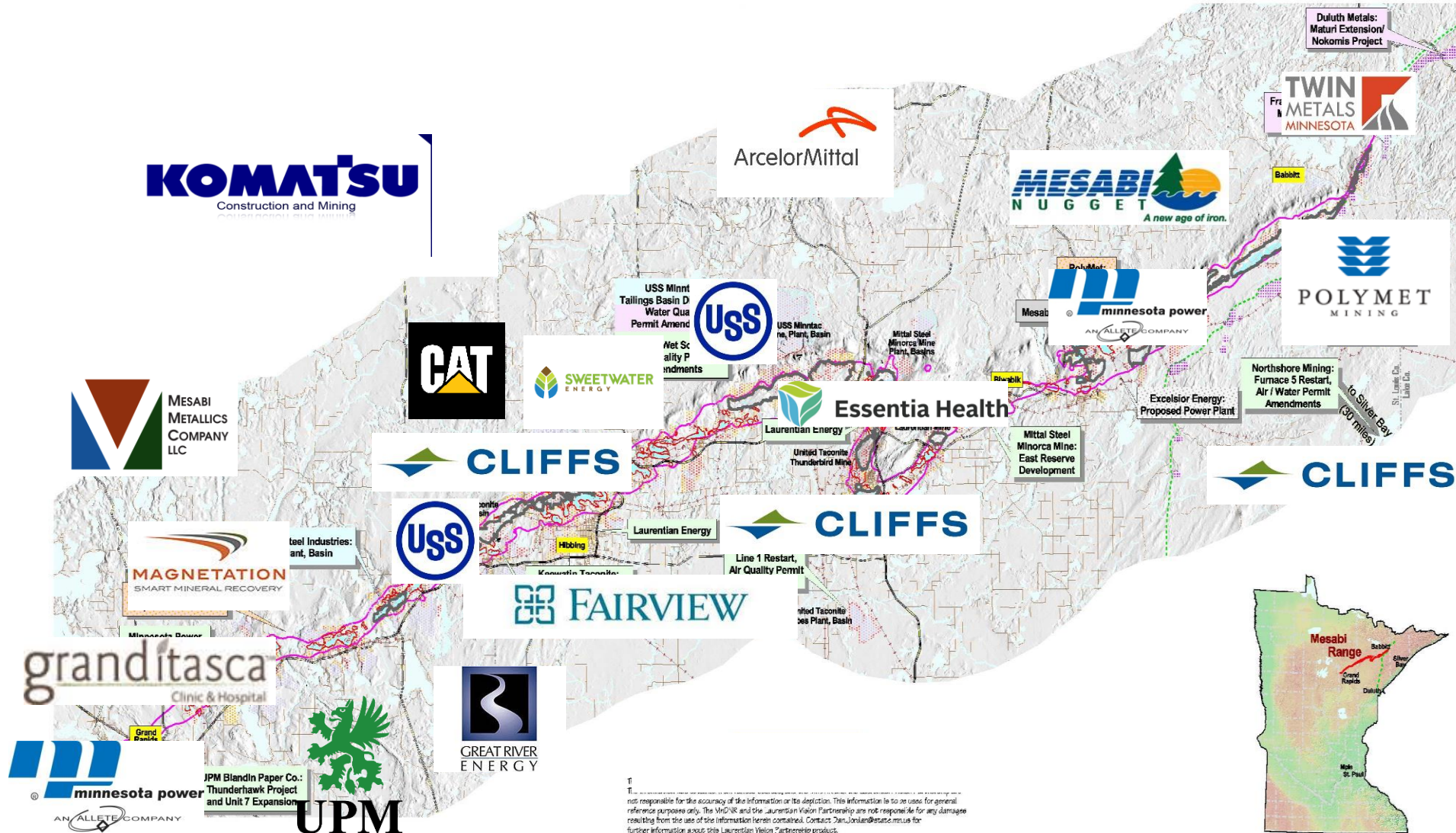
# High School Inputs

---

<b>County</b>	<b>2008 Seniors</b>	<b>2015 Seniors</b>
Aitkin	194	150
Carlton	534	433
Cook	72	52
Itasca	579	474
Koochiching	122	112
Lake	122	94
St. Louis	2,322	1,816
<b>Total</b>	<b>3,945</b>	<b>3,131</b>

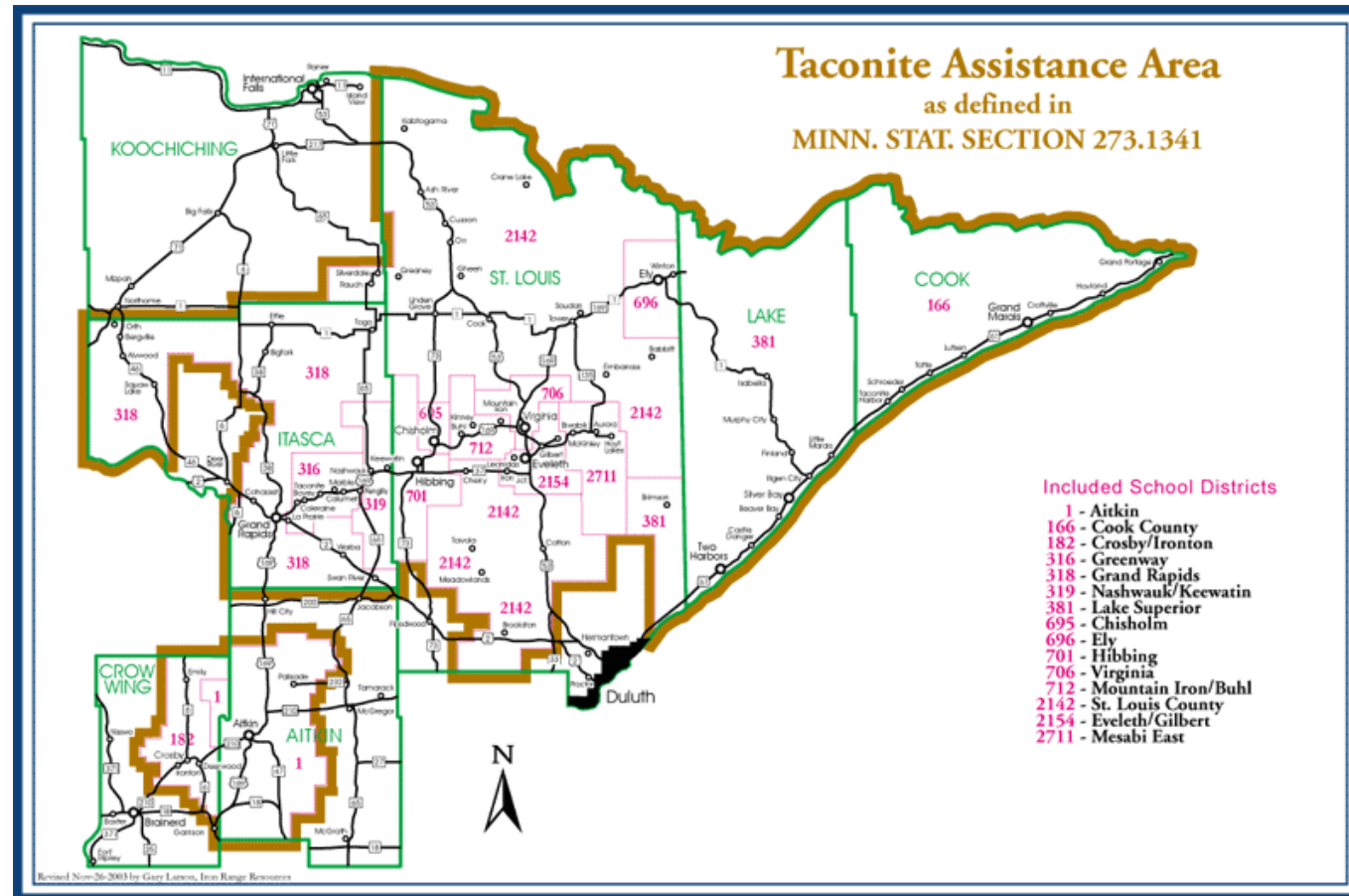


*Laurentian Vision Partnership*  
Transforming pits and piles into lakes and landscapes



The VML and the Laurentian Vision Partnership are not responsible for the accuracy of the information or its depiction. This information is to be used for general reference purposes only. The VML and the Laurentian Vision Partnership are not responsible for any damages resulting from the use of the information herein contained. Contact: Dan.Blandin@state.mn.us for further information about this Laurentian Vision Partnership product.

# Iron Range Resources and Rehabilitation Board (IRRRB)



# Iron Range Resources and Rehabilitation Board (IRRRB)

---

IRRRB's mission is to promote and invest in business, community and workforce development for the betterment of northeastern Minnesota.

\$2.38 Per Ton of Taconite is paid by Industries in Lieu of Property Taxes.

Examples of Investments made across the region:

- Property Tax Relief
- No interest loans, grants, and loan guarantees for businesses
- Community infrastructure
- School collaborations
- Innovative higher education programming

# NHED Mission

---

*The Northeast Higher Education District (NHED) will provide quality higher education to the communities throughout northeastern Minnesota by developing a regional structure that will preserve college autonomy but will also align programs and services to better prepare residents for learning, employment, citizenship, and life.*



# NHED

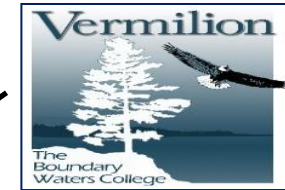
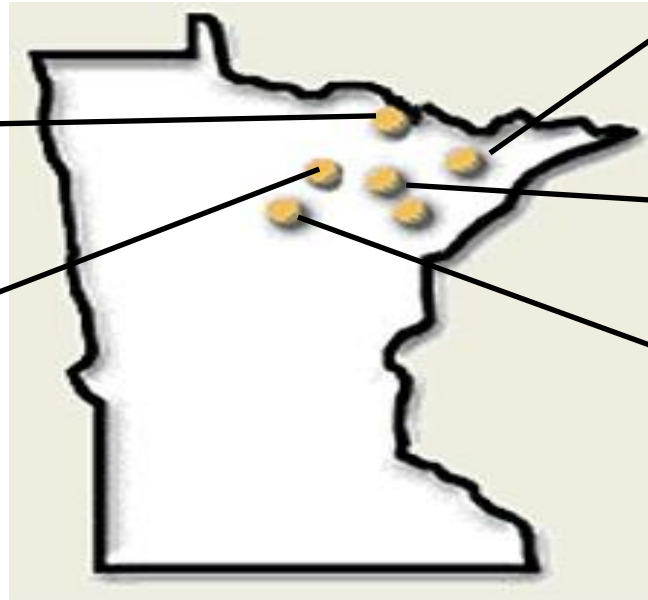
Northeast Higher Education District

Member of Minnesota State Colleges and Universities

255 FYE



1,050 FYE



550 FYE



825 FYE



990 FYE

# Primary A.S./A.A.S. Programs at each college

---

**Hibbing** –Electrical Maintenance, Diesel Mechanics, Law Enforcement, Nursing, Dental Assistant, and Culinary Arts

**Itasca** – Engineering, Forestry, Wildland Firefighting, Nursing

**Mesabi Range** – Millwright, Welding, Process Automation, Paramedic, Nursing, Carpentry, Graphic Design

**Rainy River** – Other colleges bring their programs to their area

**Vermilion** – Fisheries and Wildlife, Natural Resources Technology, Water Quality, Seasonal Park Ranger, and Outdoor Recreation and Leadership

# General Program Advisory Committee (GPAC)

---

- Facilitated by the NHED President, this body provides guidance, input, and policy direction regarding regional educational needs for a 10,000 ft. review for over-arching two-year, four-year, graduate, and customized training levels. The Committee would have appropriately broad representation from the educational systems involved and regional industry and business.
- Typically, program advisory committees are organized to serve a specific technical program. In the case of NHED's GPAC, the committee will advise the President on regional programming issues, emerging technologies, the evolving needs of business and industry in terms of workforce development and education and training, make recommendations for benchmarking for quality improvement and recommend the design and evaluation of new programs.

# NHED

Northeast Higher Education District

Member of Minnesota State Colleges and Universities

[Intro Video](#)



Applied Learning Institute

today's learning – tomorrow's opportunities

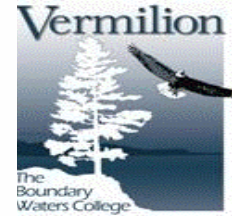
**MESABI**  
*Range College*



**ITASCA**  
COMMUNITY COLLEGE

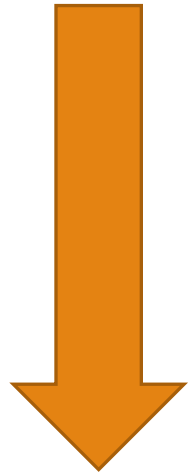


**HIBBING**  
COMMUNITY COLLEGE



**Advanced**  
MINNESOTA

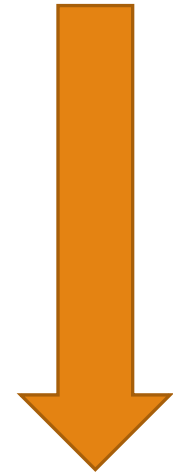
**Iron Range  
Engineering**



**K-12**



**Two-Year**



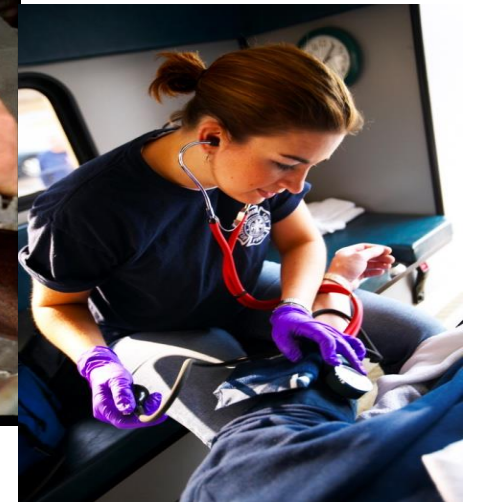
**Customized and  
Four-Year**



**Applied Learning Institute**  
today's learning – tomorrow's opportunities

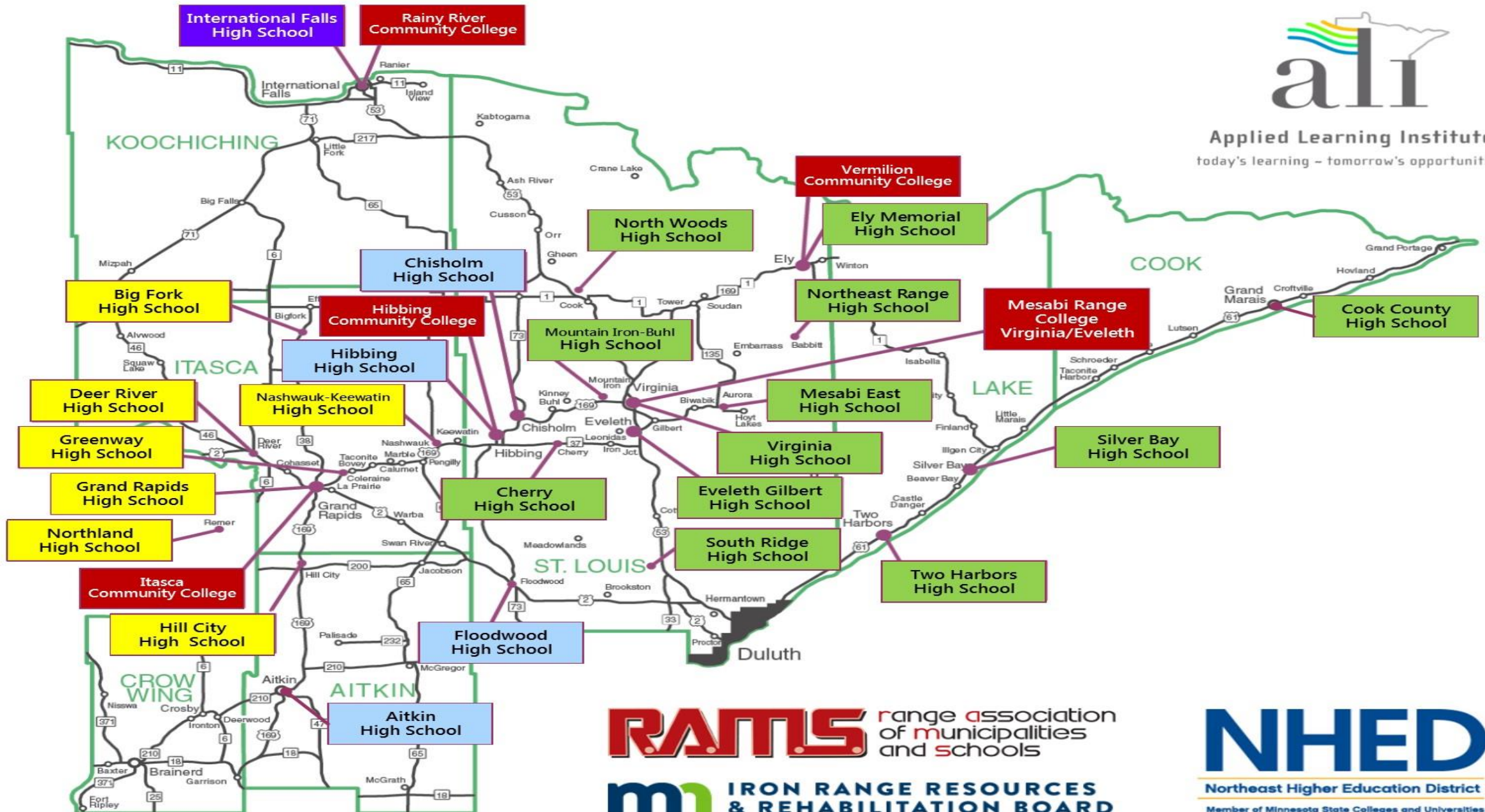
# The Applied learning Institute

---



**A Renewal of Secondary Technical Education in Northeastern Minnesota**





# Programs of Study

---

- Industrial Technology
- Pre-Engineering
- Construction Trades
- Transportation/Mechanical Systems
- Health Care







**Applied Learning Institute**  
today's learning – tomorrow's opportunities

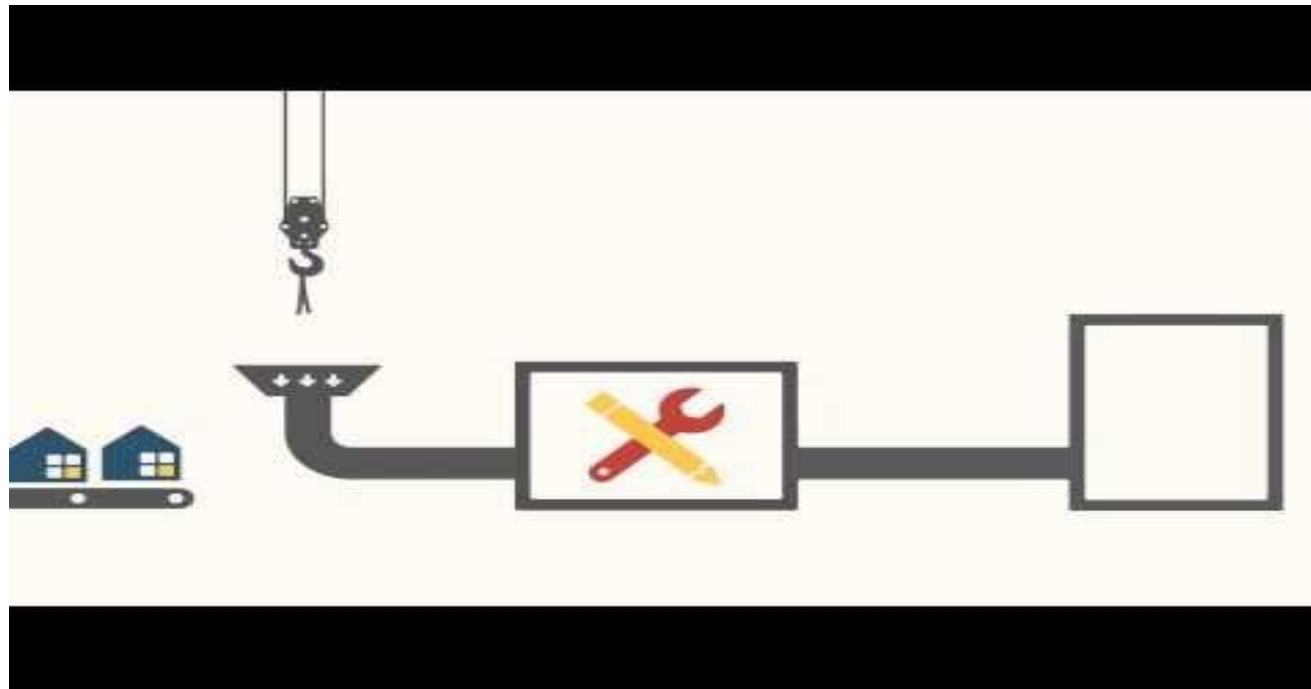
# Is ALI Working?

---

- Satisfied Customers
- 1200-1500 Students Annually
- Over 9000 Students Served
- 76% Increase in College Tech Programs
- Historic Enrollments at College Level
- Skilled Trade certificates 55% higher than Nation
- Talent Retention and Attraction
- Economic Development Competitive Advantage



## Video: Advanced Minnesota



[www.advancedmn.org](http://www.advancedmn.org)



Five Colleges.  
One training solution.



- 
- Customized Training, Continuing Education Enterprise of the Northeast Higher Education District Colleges.
  - Largest such entity in all of the Minnesota State College and University System serving on average over 14,800 different people in the last 3 years.
  - Brought together five campuses to serve the entire state of Minnesota, common price structure, common business practices, unified direction to provide great training, but make profit.
  - Received over \$750K in federal and state grants to support operations.

---

## Safety and Health

- OSHA
- MSHA
- LogSafe

## Emergency Services

- EMS, Fire, Law Enforcement

## Industrial Training Up-skilling

- Trainee Programs

## Organization Development

## Employment Services

## Quality Process Improvement

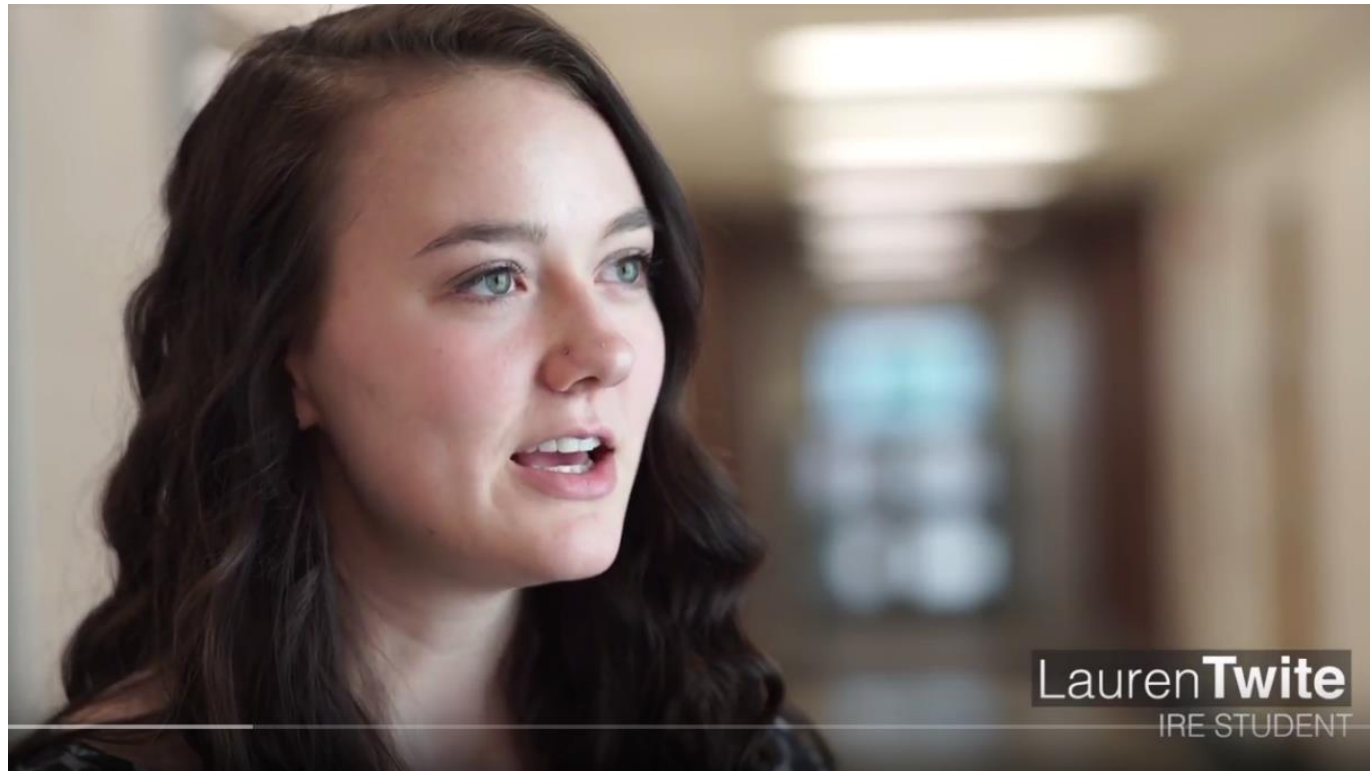
- Lean Six Sigma Green Belt

## Continuing Education

- CDL- Truck Driving
- NEC Update
- CNA, Home Health Aid, Trained Medication Assistant, DementiaCare
- Low Pressure Boiler
- Motorcycle Safety

# Video: Iron Range Engineering

---



# Strategic Partners

---



+



+



=

**Iron Range  
Engineering**

# Industry Sponsored Projects

---

- Design Wise Medical OPOD (Overnight Pediatric Oxygen Delivery System)
- Essar Steel Minnesota
- Hibbing Taconite (Cleveland Cliffs)
- United Taconite (Cleveland Cliffs)
- Spring Creek Outfitters
- MN Power
- Terex
- TesGen
- Venari Trap Systems
- Recumbent Bike
- Wind Turbine
- Occupational Therapy
- FRED







# Rainy River's Nursing Partnership

---

## Funding from several sources

- Rural Business Development Grant – USDA
- Koochiching County
- City of International Falls
- Good Samaritan Assisted Living
- Essentia Health
- Rainy Lake Medical Center

## Mesabi Range College's Executive Office Management Program

---



- Program funding through IRRRB's Iron Range Higher Education Account
- Program was not successful
- Lesson learned: sometimes when funding becomes available, there is a rush to do as many programs as possible for fear that the funding won't be available for very long

## External Funding

---

- Blandin Foundation - Equipment
- State Bonding Dollars – Construction of Facilities
- Iron Range Resources and Rehabilitation Funding – Ongoing Operations
- National Science Foundation Grants – Research
- Department of Labor “Minnesota Mining Cluster” Grant - Scholarships

## Vermilion Community College

---

- Certified Nursing Assistant training
- Donor provided funding for free training for students
- Customized training worked with hospital and nursing home to provide clinical/lab settings
- Running a “pop-up program” with 15 students and will shut down until there is funding or critical mass willing to pay

# What we have learned

---

1. Credentialing of faculty can be a barrier to providing access to opportunities in small, rural school districts.
2. Having start-up funding available does not automatically make partnering easier; it still comes down to relationships and having willing faculty.
3. Taking risks and failing does not mean the idea did not have merit, it may just be that the timing was not ideal to be successful.
4. Listening to and fulfilling the needs of business and industry is a competitive advantage in attracting new industries to our region.

## What we have learned, continued

---

5. Starting a new program to try to address a need can be a burden on the college if the identified need is based on anecdotal information and not sound data.
6. Competition gets in the way of progress (i.e. CT, NHED, ISD's).
7. While having start up funding does not mean success, it is important for our rural campuses to reach out to as many partners and funding sources as possible.

# An Overview of the Rural Community College Alliance

---

DR. RANDY SMITH, PRESIDENT



# RCCA Membership Services

---

- Represents 600 community and tribal colleges serving 3.5 million students
- Offers training on board management, leadership development, and enrollment management
- Hosts an annual conference (September 27-29, 2017 in Oklahoma City)
- Also supports advocacy, networking, and funding opportunities for rural community colleges

# Questions and Answers

---

*Submit questions for all presenters via the chat feature*

# Upcoming Event: Minority Serving Community Colleges National Convening

---

- Theme: Celebrating Student Success
- November 14–15, 2017
- Washington, DC
- Call for presentations:  
<http://conference.novaresearch.com/MSI2017/abstracts.cfm>  
*Submissions due September 29, 2017*
- Register here:  
<http://conference.novaresearch.com/MSI2017/registration.cfm>

# Thank You

---

JOIN [LINC](#)S!

PLEASE COMPLETE THE EVALUATION!